

## CLAIMS

1. A straight-oil finishing composition comprising
  - (A) 100 parts by weight of a polydimethylsiloxane oil or liquid paraffin having a viscosity of 3 to 70 mm<sup>2</sup>/s at 25°C; and
  - (B) 0.5 to 100 parts by weight of an organopolysiloxane resin, which contains silanol groups and silicon-bonded alkoxy groups and wherein 20 mole % or more of all siloxane units are siloxane units represented by formula C<sub>3</sub>H<sub>7</sub>SiO<sub>3/2</sub>.
- 10 2. The straight-oil finishing composition of Claim 1, where in component (B) the amount of silanol groups is greater than the amount of the silicon-bonded alkoxy groups.
- 15 3. The straight-oil finishing composition according to Claims 1 or 2, where said alkoxy groups of component (B) are alkoxy groups having 3 to 8 carbon atoms.
4. The straight-oil finishing composition according to any of Claims from 1 to 3, where said component (A) is liquid paraffin.
- 20 5. The straight-oil finishing composition of Claim 1, where said component (B) contains both siloxane units represented by formulae C<sub>3</sub>H<sub>7</sub>SiO<sub>3/2</sub> and C<sub>3</sub>H<sub>7</sub>(HO)<sub>a</sub>(R'O)<sub>b</sub>SiO<sub>(3-4-b)/2</sub>, wherein 20-95 mole % of all siloxane units are siloxane units represented by formula C<sub>3</sub>H<sub>7</sub>SiO<sub>3/2</sub> and 5-80 mole % of all siloxane units are siloxane units represented by formula C<sub>3</sub>H<sub>7</sub>(HO)<sub>a</sub>(R'O)<sub>b</sub>SiO<sub>(3-4-b)/2</sub>, where each R' is an independently selected from alkyl group having 1 to 8 carbon atoms and 25 alkoxyalkylene group having 1 to 8 carbon atoms, 0<a≤2, 0<b≤2, 0<(a+b)≤2.
6. The straight-oil finishing composition of Claim 1, where said component (B) is represented by the following average constitutional formula:
 
$$(C_3H_7SiO_{3/2})_x[C_3H_7(HO)_a(R'O)_bSiO_{(3-a-b)/2}]_y\{R_cSiO_{(4-c)/2}\}_z,$$
- 30 where each R' is an independently selected from alkyl group having 1 to 8 carbon atoms and alkoxyalkylene group having 1 to 8 carbon atoms, each R is an independently selected from phenyl group, alkyl group having 1 to 10 carbon atoms, hydroxyl group, and alkoxy group,

$0 < a \leq 2$ ,  $0 < b \leq 2$ ,  $0 < (a+b) \leq 2$ ,  $c$  is between 0 and 3,  $x > 0$ ,  $y > 0$ ,  $z \geq 0$ ,  $(x+y+z)=1$ , and  $x/(x+y+z) \geq 0.2$ .

7. A fiber yarn treated with the straight-oil finishing composition of any of claims from 1 to  
5 6.